Index of Claims

| Application No. | Applicant(s)       |  |
|-----------------|--------------------|--|
| 09/777,725      | SWAGER, TIMOTHY M. |  |
| Examiner        | Art Unit           |  |
| Jezia Riley     | 1637               |  |

| =        | Allowed  |
|----------|----------|
| <b>√</b> | Rejected |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      | Date     |          |          |  |          |          |  |  |           | Cl       | Claim Date |  |          |          |          |          |          |          | Cli      | aim       | Date            |            |                |              |           |              |          |          |           |                 |          |
|----------|----------|----------|----------|----------|--|----------|----------|--|--|-----------|----------|------------|--|----------|----------|----------|----------|----------|----------|----------|-----------|-----------------|------------|----------------|--------------|-----------|--------------|----------|----------|-----------|-----------------|----------|
| Final    | Original | 3/2/05   |          |          |  |          |          |  |  |           | Final    | Original   |  |          |          |          |          |          |          |          |           | Final           | Original   | 3/2/05         |              |           |              |          |          |           |                 |          |
|          | 1        | v        |          | _        | <del>                                     </del> |          | $\vdash$ | 一  | <del>                                     </del> | П         |          | 51         |  |          |          |          | _        | -        |          | 十        | ┪         |                 | 101        |                | _            | $\dashv$  |              | $\dashv$ | 十        | _         | 十               | _        |
|          | 2        | v        |          |          |  |          |          |  |  |           |          | 52         | $\vdash$   |          |          |          |          | $\dashv$ | 寸        |          |           |                 | 102        |                |              | 7         |              |          | T        | T         | ヿ               |          |
|          | 3        | ٧        |          |          |  |          |          |  | Γ  |           |          | 53         |  |          |          |          |          |          |          |          |           |                 | 103        |                |              | $\dashv$  |              | $\neg$   |          |           | ヿ               |          |
|          | 4        |          |          |          |  |          |          |  |  |           |          | 54         |  |          |          |          |          |          |          |          |           |                 | 104        |                |              |           |              |          |          |           |                 |          |
|          | 5        |          |          |          |  |          |          | <u> </u>   |  |           |          | 55         |  |          |          |          |          |          |          |          |           |                 | 105        |                |              |           |              | $\Box$   |          |           |                 |          |
|          | 6        |          |          |          |  |          |          | <u> </u> _                                       | _  | Ш         |          | 56         |  |          |          |          |          | _        | $\perp$  | _        | _         |                 | 106        | 0              |              |           |              | [        | $\perp$  |           | $\Box$          |          |
|          | 7        | _        |          |          |  |          | <u> </u> | <u> </u>   | _  |           |          | 57         | <u> </u>   | <u> </u> | _        | _        | _        | _        | _        | _        | _         |                 | 107        | 0              | 4            | _         | _            | _        |          | _         | _               |          |
|          | 8        |          | _        |          | <u> </u>   |          | <u> </u> | <u> </u>   | _  | Ш         |          | 58         | <u> </u>   | _        | _        |          |          | _        | _        | _        | 4         |                 | 108        | 0              | _            | $\dashv$  | _            | _        | _        | $\dashv$  | 4               | _        |
| <u> </u> | 9        |          |          |          |  | _        | ┝        | ⊢  |  | $\vdash$  | $\vdash$ | 59         |  |          |          |          | $\dashv$ | $\dashv$ | $\dashv$ | +        | 4         | $\vdash$        | 109        | ٥              |              | _         |              |          | _        | 4         | $\dashv$        | _        |
|          | 10       |          |          |          | H  | _        | ⊢        | ⊢  | ⊢  |           |          | 60         | $\vdash$   |          | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | +        | -         | <u> </u>        | 110        |                |              | -         | -            | -        | +        |           | $\dashv$        | _        |
| -        | 11<br>12 | $\vdash$ | $\dashv$ | $\vdash$ |  | -        | ⊢        | -  | ⊢  | H         | -        | 61<br>62   | $\vdash$   | <u> </u> |          |          |          | $\dashv$ |          | +        | $\dashv$  | $\vdash\vdash$  | 111<br>112 | $\vdash\vdash$ | $\vdash$     | $\dashv$  | $\dashv$     | $\dashv$ | -        | +         | $\dashv$        | _        |
| -        | 13       |          | $\dashv$ |          | H  | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   | H         |          | 63         |  |          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\exists$ | $\vdash \vdash$ | 113        |                |              | $\dashv$  | -            | -        | $\dashv$ | $\dashv$  | $\dashv$        | _        |
|          | 14       |          | $\dashv$ | $\vdash$ | $\vdash$   | H        | $\vdash$ | $\vdash$   | -  | H         |          | 64         |  |          | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | -+       | +        | 4         | <b>-</b>        | 114        | $\vdash$       | $\vdash$     | +         | +            | +        |          | $\dashv$  | $\dashv$        | _        |
| <b>—</b> | 15       |          | -        |          | Н  | Н        |          | H  |  | $\forall$ |          | 65         | <del>                                     </del> | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$  |                 | 115        | $\vdash$       | -            | $\dashv$  | -            | -        | $\dashv$ | $\dashv$  | $\dashv$        | _        |
|          | 16       |          |          |          |  |          |          |  |  | Ħ         |          | 66         |  |          | $\neg$   | _        | $\dashv$ | $\dashv$ | $\dashv$ | $\top$   | 7         |                 | 116        |                |              | _         | T            | T        | 1        | 寸         | 7               | -        |
|          | 17       |          |          |          |  |          |          |  |  |           |          | 67         |  |          |          |          | ヿ        | $\neg$   | 丁        | _        |           | $\Box$          | 117        |                |              | T         | 一            |          | $\neg$   | 寸         | ヿ               | _        |
|          | 18       |          |          |          |  |          |          |  |  |           |          | 68         |  |          |          |          |          |          |          |          | 7         |                 | 118        |                |              | T         | T            | $\neg$   |          | 寸         | $\dashv$        |          |
|          | 19       |          |          |          |  |          |          |  |  |           |          | 69         |  |          |          |          |          |          |          |          |           |                 | 119        |                |              |           |              |          | T        |           | T               |          |
|          | 20       |          |          |          |  |          |          |  |  |           |          | 70         |  |          |          |          |          |          |          |          |           |                 | 120        |                |              |           |              |          |          |           |                 |          |
|          | 21       |          |          |          |  |          |          |  |  | Ш         |          | 71         |  |          |          |          |          |          |          |          |           |                 | 121        |                |              |           |              |          |          |           |                 |          |
|          | 22       |          |          |          |  | _        |          |  | _  | Ш         |          | 72         |  |          |          | _        | _        | _        |          |          |           |                 | 122        |                | [            | ļ         |              | _        | $\perp$  | _         |                 |          |
|          | 23       |          |          |          |  | _        |          | _  | _  | Ш         |          | 73         |  |          |          | _        | _        | _        | _        |          | _         |                 | 123        |                |              | _         |              | _        |          | _         | _               |          |
|          | 24       | Щ        |          |          |  | _        |          | <u> </u>   | <u> </u>   | Щ         | <u> </u> | 74         |  |          |          | -        | _        | _        |          |          | 4         |                 | 124        |                |              | 4         |              | _        | _        | 4         | $\dashv$        | _        |
| _        | 25       |          |          |          |  | _        | _        |  |  | Н         | -        | 75         |  |          |          |          | -        |          |          | _        | -         |                 | 125        |                |              | 4         | -            | -        | _        | 4         | $\dashv$        | $\dashv$ |
| $\vdash$ | 26<br>27 | $\dashv$ |          |          |  |          |          | -  |  | H         | -        | 76<br>77   | -  |          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | -         | $\vdash$        | 126<br>127 |                | -            | $\dashv$  | -            | $\dashv$ |          | -         | $\dashv$        | $\dashv$ |
|          | 28       | -        |          |          |  |          |          | <u> </u>   | H  | Н         |          | 78         | ├  |          | -        | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$  | -               | 128        |                | $\dashv$     | $\dashv$  | -            | $\dashv$ |          | $\dashv$  | $\dashv$        | _        |
|          | 29       |          | -        | $\dashv$ |  | _        | $\vdash$ | -  | _  |           | -        | 79         | $\vdash$   |          | -        | $\dashv$ | $\dashv$ | -        | +        | $\dashv$ | ┨         | $\vdash$        | 129        |                | -            | $\dashv$  |              |          | $\dashv$ | $\dashv$  | +               | $\dashv$ |
|          | 30       |          | $\dashv$ | $\dashv$ | _  | _        | $\vdash$ | <del>                                     </del> | -  | H         |          | 80         | $\vdash$   |          |          | -        | ᅥ        |          | -        | +        | ┨         | Н               | 130        |                | _            | ┪         | -            | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$        | _        |
| _        | 31       |          |          |          |  |          |          | 一  |  | Н         |          | 81         | -  |          | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | $\top$   | ┥         |                 | 131        | _              | $\dashv$     | +         | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$        | _        |
|          | 32       |          |          | 乛        | _  |          |          | $\vdash$   |  | П         |          | 82         |  |          |          |          | _        |          | T        | +        | 1         |                 | 132        | _              | $\dashv$     | $\dashv$  | 寸            | ┪        | $\dashv$ | $\dashv$  | 十               | _        |
|          | 33       |          |          |          |  |          |          |  |  | П         |          | 83         |  |          |          |          | 一        |          |          |          | 7         |                 | 133        |                | $\dashv$     | ┪         | T            | 7        | 7        | 寸         | ヿ               | _        |
|          | 34       |          |          |          |  |          |          |  |  |           |          | 84         |  |          | 二        | ┚        | ┚        |          |          |          |           |                 | 134        |                |              |           |              | _1       |          | _†        |                 |          |
|          | 35       |          |          |          |  |          |          |  |  |           |          | 85         |  |          |          | $\Box$   |          |          |          |          |           |                 | 135        |                | $oxed{oxed}$ |           |              |          |          |           |                 |          |
|          | 36       |          |          | -        |  |          |          | _  |  |           | <u> </u> | 86         |  |          |          |          |          |          |          |          | _]        |                 | 136        |                |              |           |              |          |          |           | $\Box$          |          |
|          | 37       |          | _        |          |  |          |          | <u> </u>   |  | Щ         | ļ        | 87         |  |          | $\Box$   | 4        | _        | _        | $\perp$  |          | _         | Ш               | 137        |                | _            | 4         | _            | _        | _        | 4         | _               |          |
|          | 38       | $\Box$   | _        |          |  |          | _        | _  |  | Ш         |          | 88         |  |          |          | 4        | _        | _        | _        |          | 4         | $\sqcup$        | 138        |                | _            | 4         | $\dashv$     | _        | $\perp$  | 4         | _               |          |
| $\vdash$ | 39       | Н        | _        |          | Щ  | $\vdash$ |          | _  | L  | $\vdash$  |          | 89         | _  | _        | _        |          | 4        | $\dashv$ | $\dashv$ | +        | 4         |                 | 139        |                | 4            | 4         | $\downarrow$ | _        | _        | 4         | _               | _        |
| $\vdash$ | 40       | -        | $\dashv$ |          | _  | <u> </u> |          | $\vdash$   | _  | Ш         | -        | 90         |  |          |          | _        | _        | $\dashv$ | 4        | _        | 4         | $\vdash$        | 140        |                | _            | 4         | $\dashv$     | _        | _        | $\dashv$  | _               | _        |
| $\vdash$ | 41<br>42 | $\dashv$ | $\dashv$ |          |  |          | -        |  | H  | H         | -        | 91<br>92   | <u> </u>   |          |          | $\dashv$ | $\dashv$ | $\dashv$ | -        | +        | -         | $\vdash$        | 141        |                | -            | $\dashv$  | -            | $\dashv$ | -+       | $\dashv$  | 4               |          |
| $\vdash$ | 43       | $\dashv$ | $\dashv$ |          | $\vdash$   | Н        | $\vdash$ | <del>  -</del>                                   |  | H         | _        | 93         | $\vdash$   | -        | $\dashv$ |          |          | $\dashv$ | +        | +        | $\dashv$  | $\vdash \dashv$ | 142<br>143 |                | +            | +         | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$        | _        |
| _        | 44       | $\vdash$ | $\dashv$ |          |  | H        | _        | $\vdash$   |  | $\vdash$  | -        | 94         | Н  | $\dashv$ |          | $\dashv$ | -        | $\dashv$ | $\dashv$ | +        | $\dashv$  |                 | 144        |                | +            | $\dashv$  | +            | $\dashv$ | +        | $\dashv$  | $\dashv$        | -        |
| $\vdash$ | 45       |          | -        | -        |  |          | -        |  | $\vdash$   | $\vdash$  |          | 95         |  |          | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | +        | -         |                 | 145        | $\vdash$       | +            | +         | $\dashv$     | $\dashv$ | $\dashv$ | +         | +               | $\dashv$ |
| $\vdash$ | 46       |          |          | $\dashv$ | Н  | Н        | $\vdash$ | $\vdash$   | $\vdash$   | $\dashv$  | -        | 96         | $\vdash$   |          | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | +        | $\dashv$  | $\vdash$        | 146        | -1             | +            | +         | +            | $\dashv$ | +        | +         | +               | _        |
|          | 47       |          |          |          | -  | Н        | Т        |  | Т  | $\dashv$  |          | 97         |  | Н        | $\dashv$ | 7        | $\dashv$ | $\dashv$ | $\dashv$ | +        | 1         | $\vdash$        | 147        |                | $\dashv$     | $\dashv$  | $\dashv$     | +        | $\dashv$ | $\dashv$  | $\dashv$        | _        |
|          | 48       |          |          |          |  |          |          |  |  | $\Box$    |          | 98         | П  | П        |          | $\dashv$ | $\dashv$ | _        | $\dashv$ | $\dashv$ | 1         |                 | 148        |                | $\dashv$     | $\top$    | 寸            | $\dashv$ | $\dashv$ | $\forall$ | 十               | $\dashv$ |
|          | 49       |          |          |          |  |          |          |  |  |           |          | 99         |  |          |          | _†       |          |          |          |          |           |                 | 149        |                |              | $\forall$ | 1            | 7        | $\dashv$ | $\top$    | $\neg \uparrow$ | T        |
|          | 50       |          |          |          |  |          |          |  |  |           |          | 100        |  |          | T        | T        |          | T        | Т        | Т        |           |                 | 150        |                | $\top$       | $\top$    | $\neg$       |          | $\neg$   | $\neg$    |                 |          |